## ABSTRACT OF THE DISCLOSURE

# Reverse Cantilever Assembly For Input Devices

A computer pointing device, such as a mouse or trackball, includes a reverse cantilever button assembly to match strength-related variations in user hand size. In one embodiment a button assembly is built with two cantilever beams, the fulcrums for each beam being at opposite ends of the button assembly. The stiffness of the two beams can be selected to obtain an increasing, decreasing, or constant force profile necessary to activate the associated electronic switch as one moves along the external surface of the button assembly from the palm end toward the fingertip end. An increasing force profile provides lower actuating force for operators with smaller hands, while providing greater tactile feedback for operators with larger hands.